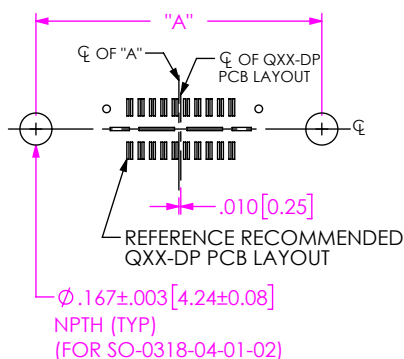
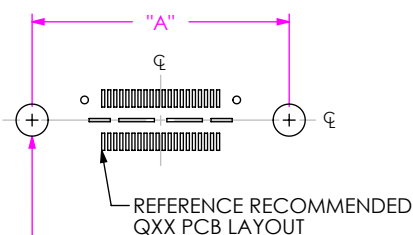


RECOMMENDED LAYOUT FOR -DV SCREW DOWN OPTIONS

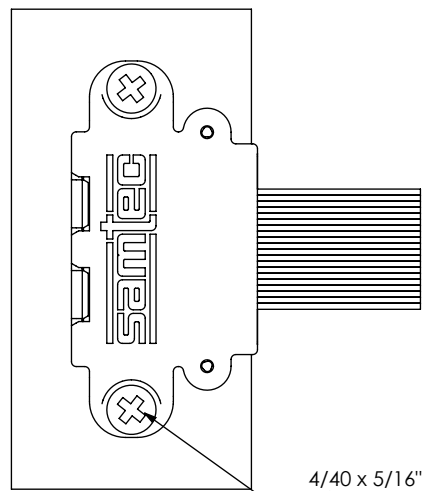
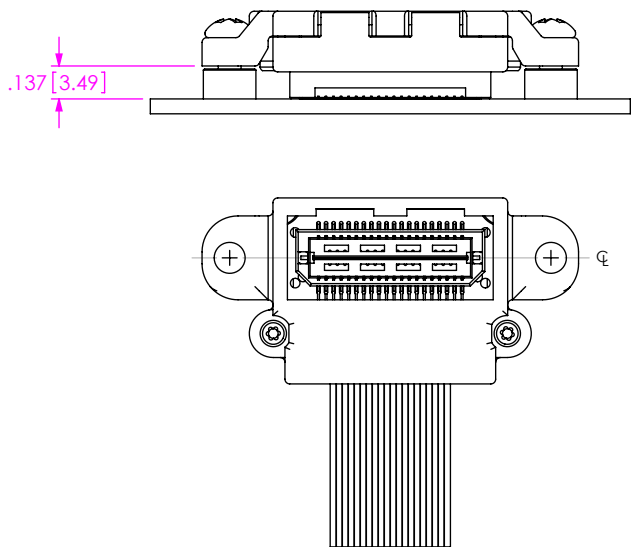


**TABLE 1**

EQCD No. OF POSITIONS	SQCD No. OF POSITIONS	HQCD No. OF POSITIONS	EQDP No. OF POSITIONS	EQSD No. OF POSITIONS	"A"
N/A	N/A	N/A	N/A	-020	1.439 [36.55]
N/A	N/A	N/A	N/A	-040	2.227 [56.57]
-020	-025	-030	-014	N/A	1.339 [34.00]
-040	-050	-060	-028	N/A	2.126 [54.00]
-060	-075	-090	-042	N/A	2.913 [74.00]
-080	-100	-120	-056	N/A	3.701 [94.00]

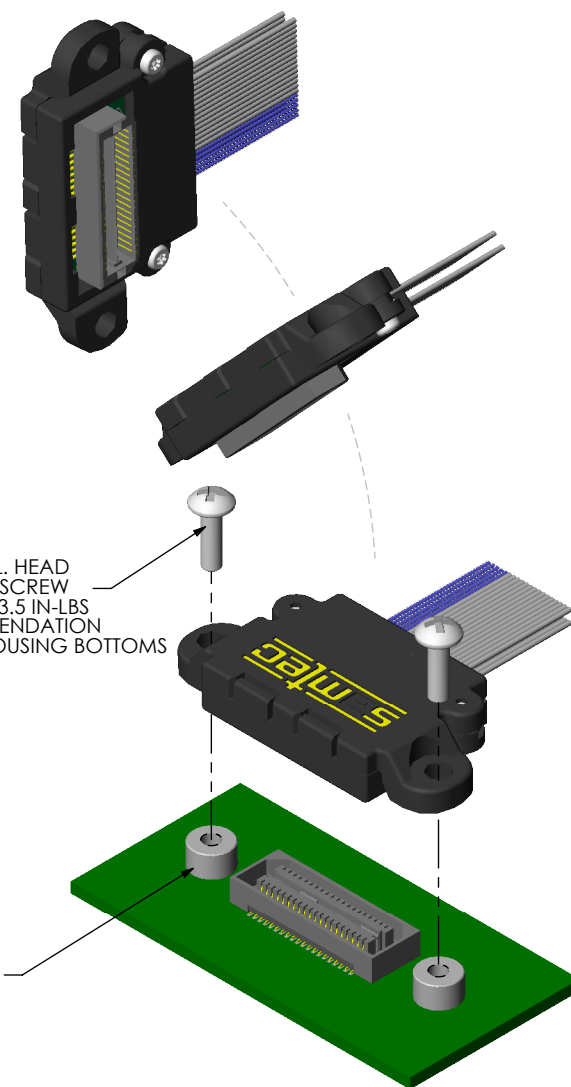
**TABLE 5**

HQDP No. OF POSITIONS	"A"
-020	1.489 [37.82]
-040	2.414 [61.32]
-060	3.339 [84.81]
-080	4.264 [108.31]



QXXX-DV WITH ANY SCREW-DOWN OPTION

NOTE: ALL DIMENSIONS ARE FOR REFERENCE ONLY



NOTE:  
THE NUT SHOWN CAN BE PURCHASED FROM SAMTEC (P/N SO-0318-04-01-02)  
OR PENN ENGINEERING (P/N KFE-440-12ET). HOWEVER, THE CUSTOMER IS  
FREE TO USE OTHER HARDWARE ACCEPTABLE TO THEM AS MOST OF THIS IS COMMODITY.  
(www.pemnet.com)

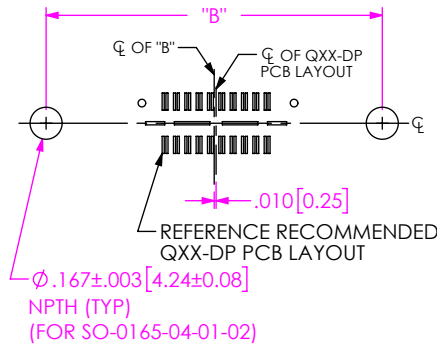
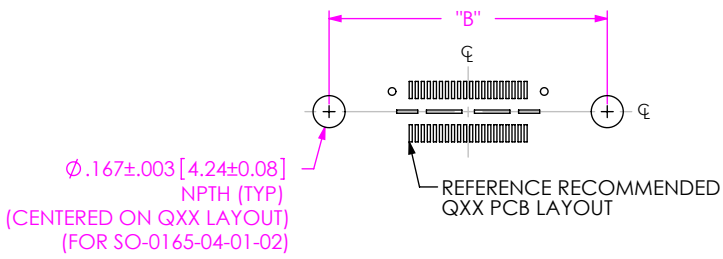
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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION: QXXX APPLICATIONS  
DWG. NO. QXXX WITH SCREW-DOWN OPTIONS  
BY: BRATCHER 11/17/2004 SHEET 1 OF 4

RECOMMENDED LAYOUT FOR -EM SCREW DOWN OPTIONS



**TABLE 2**

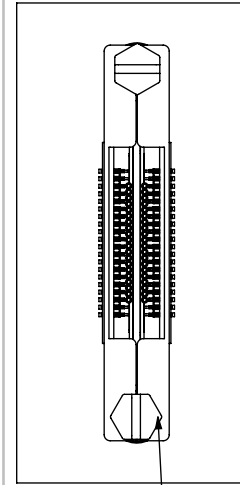
EQCD No. OF POSITIONS	SQCD No. OF POSITIONS	HQCD No. OF POSITIONS	EQDP No. OF POSITIONS	EQSD No. OF POSITIONS	"B"
-020	-025	-030	-014	-020	1.449 [36.80]
-040	-050	-060	-028	-040	2.236 [56.80]
-060	-075	-090	-042	N/A	3.024 [76.80]
-080	-100	-120	-056	N/A	3.811 [96.80]

**TABLE 6**

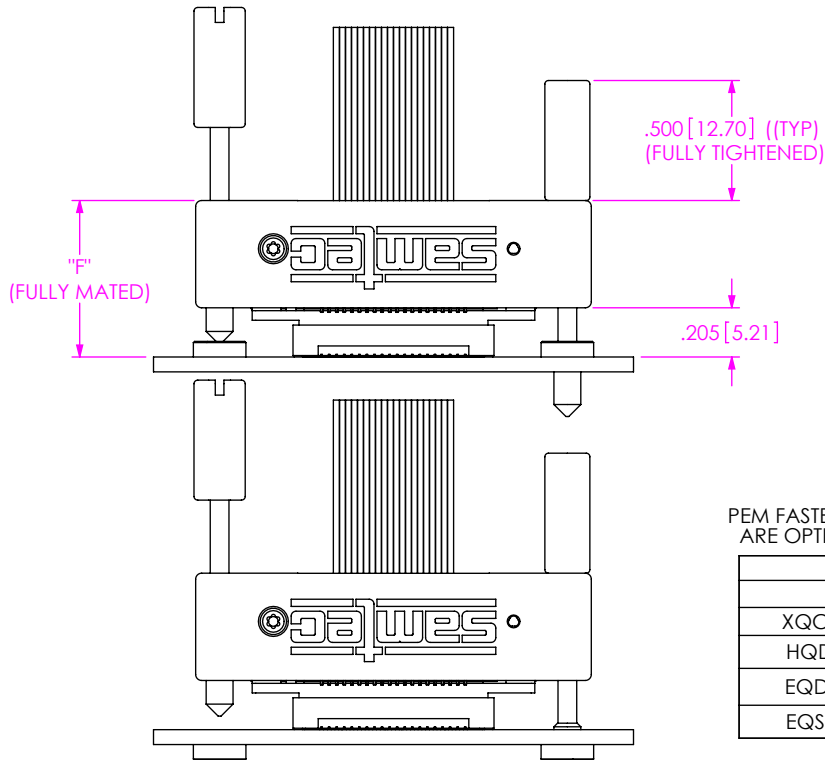
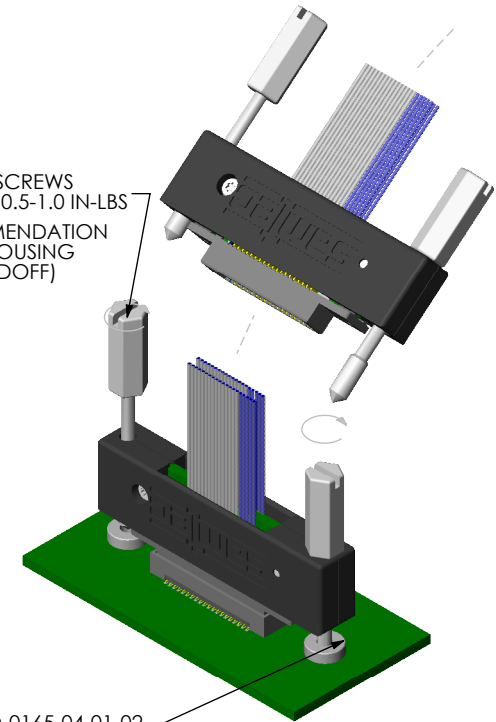
HQDP No. OF POSITIONS	"B"
-020	1.751 [44.48]
-040	2.539 [64.49]
-060	3.326 [84.48]
-080	4.114 [104.50]

**XQXX-EM WITH ANY SCREW-DOWN OPTION**

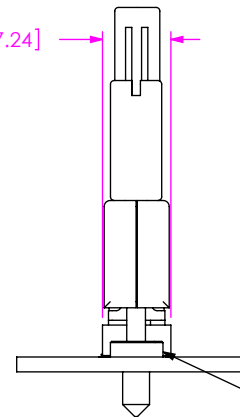
NOTE: ALL DIMENSIONS ARE FOR REFERENCE ONLY



**S**  
CAPTIVE PANEL SCREWS  
TORQUE RANGE 0.5-1.0 IN-LBS  
(MAX TORQUE RECOMMENDATION  
CAN BE INCREASED IF HOUSING  
BOTTOMS OUT ON STANDOFF)



.285 [7.24]



SO-0165-04-01-02

PEM FASTENERS ON TOP OR BOTTOM  
ARE OPTIONAL ASSEMBLY LAYOUTS

**TABLE 4**

	F
XQCD MATED	.652 [16.56]
HQDP MATED	.789 [20.04]
EQDP MATED	.652 [16.56]
EQSD MATED	.652 [16.56]

ALL DIMENSIONS THE SAME AS ABOVE  
UNLESS OTHERWISE STATED

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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:  
XQXX APPLICATIONS

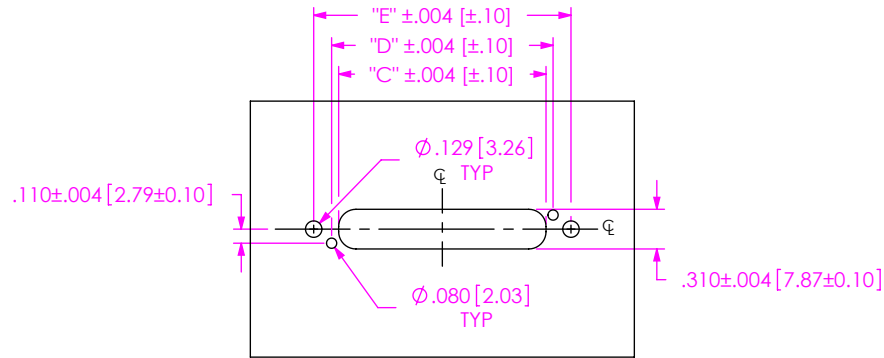
DWG. NO.  
XQXX WITH SCREW-DOWN OPTIONS

BY: BRATCHER 11/17/2004 SHEET 2 OF 4

**QQXX-BULK SCREW-DOWN OPTION**

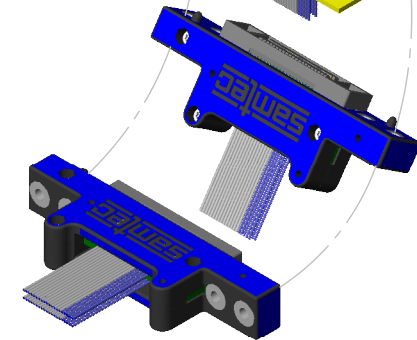
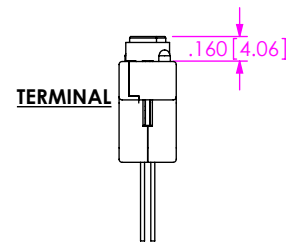
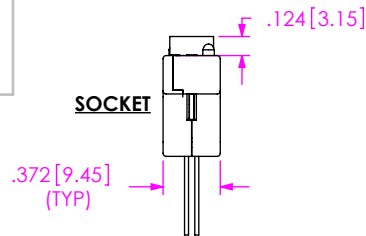
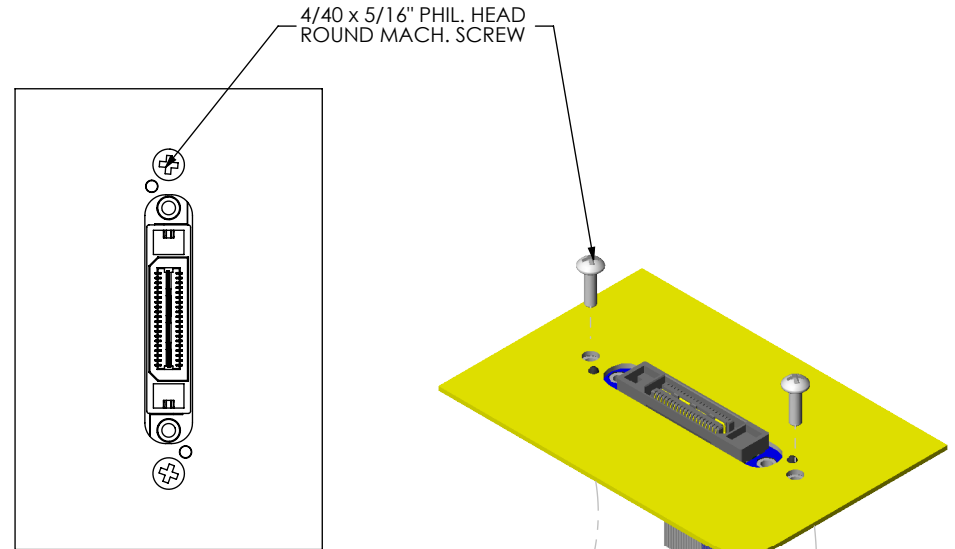
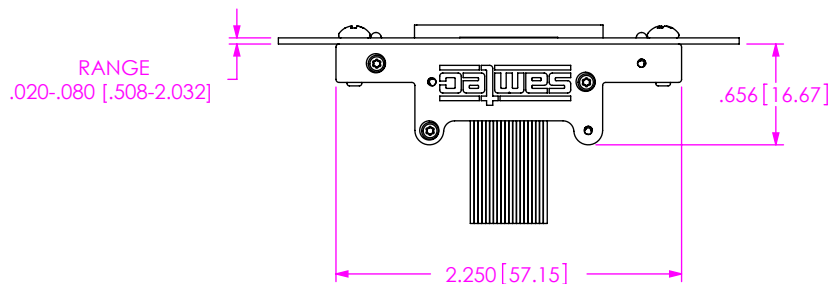
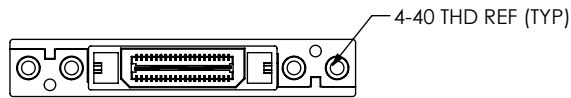
NOTE: ALL DIMENSIONS ARE FOR REFERENCE ONLY

**RECOMMENDED PANEL OPENING FOR -BULK SCREW DOWN OPTIONS**  
(Ø .129 HOLES CENTERED ON PANEL OPENING)



**TABLE 3**

EQCD	SQCD	HQCD	EQDP	HQDP	EQSD	"C"	"D"	"E"
No. OF POSITIONS	No. OF POSITIONS	No. OF POSITIONS	No. OF POSITIONS	No. OF POSITIONS	No. OF POSITIONS			
-020	-025	-030	-014	N/A	N/A	1.620 [41.15]	1.730 [43.94]	2.010 [51.05]
-040	-050	-060	-028	N/A	N/A	2.407 [61.14]	2.517 [63.94]	2.797 [71.05]
-060	-075	-090	-042	N/A	N/A	3.194 [81.14]	3.304 [83.93]	3.584 [91.04]
-080	-100	-120	-056	N/A	N/A	3.982 [101.13]	4.092 [103.93]	4.372 [111.04]



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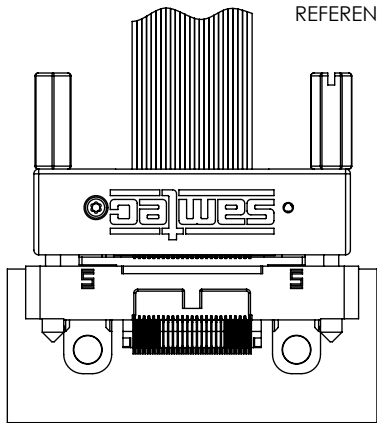
DESCRIPTION:  
QQXX APPLICATIONS

DWG. NO.  
QQXX WITH SCREW-DOWN OPTIONS

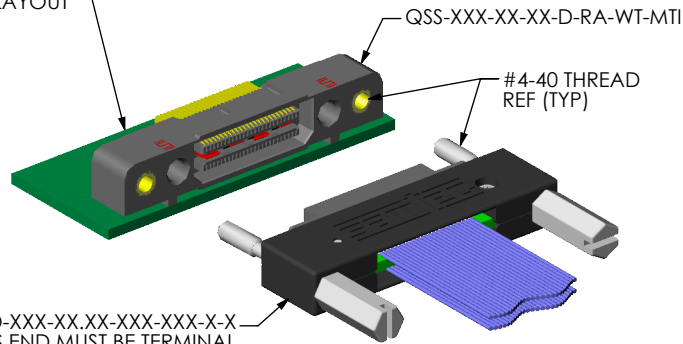
BY: BRATCHER 11/17/2004 SHEET 3 OF 4

# SQCD TERMINAL-QSS RIGHT ANGLE SCREW-DOWN OPTION

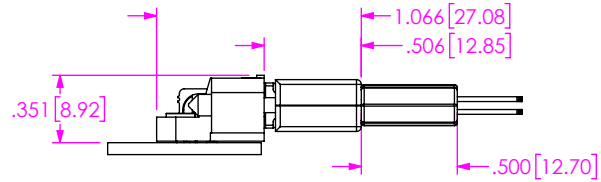
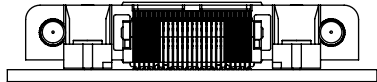
NOTE: ALL DIMENSIONS ARE FOR REFERENCE ONLY



REFERENCE RECOMMENDED  
QSS PCB LAYOUT



SQCD-XXX-XX.XX-XXX-XXX-X-X  
(THIS END MUST BE TERMINAL  
EDGEMOUNT WITH SCREW  
DOWN OPTION)



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DWG. NO.	XQXX WITH SCREW-DOWN OPTIONS
BY:	BRATCHER 11/17/2004 SHEET 4 OF 4